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(74) Agent: CASTEL, Benoit; c/o YOUNG & THOMPSON,  
745 South 23rd Street, Suite 200, Arlington, VA 22202  
(US).

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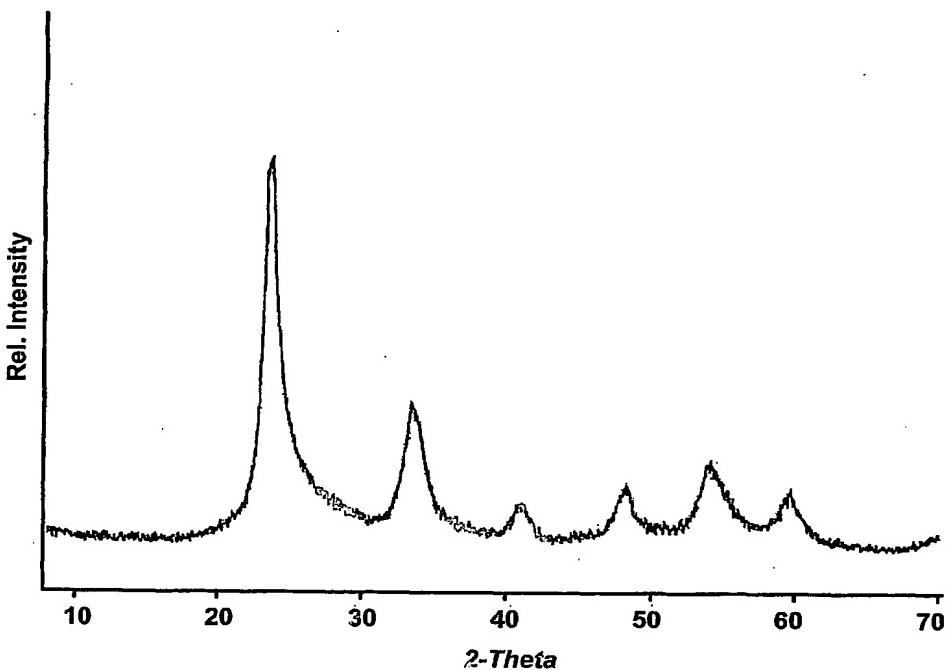
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(71) Applicant (for all designated States except US): OSRAM SYLVANIA INC. [US/US]; 100 Endicott Street, Danvers, MA 01923 (US).  
(72) Inventor; and  
(75) Inventor/Applicant (for US only): CHRISTIAN, Joel, B. [US/US]; 37 Third Street, Towanda, Pennsylvania 18848 (US).  
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(54) Title: TUNGSTEN-BASED ELECTROCATALYST AND FUEL CELL CONTAINING SAME



(57) Abstract: The catalyst of this invention is a non-stoichiometric tungsten compound,  $H_{0.53}WO_3$ , which may be used as both the anode and cathode electrocatalyst for acid-style low-temperature fuel cells. A fuel cell using the tungsten-based electrocatalyst as both the anode and cathode has been constructed and operated with a hydrogen fuel and an air oxidant.

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